


DEFOAMING AGENT FOR THE PAPER INDUSTRY BASED ON OIL IN WATER EMULSIONS.

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PCT No. PCT/EP93/02531 Sec. 371 Date Feb. 6, 1995 Sec. 102(e) Date Feb. 6, 1995 PCT Filed Sep. 18, 1993 PCT Pub. No. WO94/08091 PCT Pub. Date Apr. 14, 1994 Antifoams based on oil-in-water emulsions, in which the oil phase accounts for from 5 to 50% by weight of the emulsions and consists essentially of a mixture of (a) fatty esters of C12-C22-carboxylic acids with monohydric to trihydric C1-C22-alcohols, (b) polyglyceryl esters which are obtainable by at least 20% esterification of polyglycerols which contain at least 2 glyceryl units with at least one C12-C36-fatty acid and (c) fatty esters of C12-C22-carboxylic acids and polyalkylene glycols, the molecular weight of the polyalkylene glycols being up to 5,000 g/mol, and, if required, (d) long-chain alcohols, fatty esters of alcohols of at least 22 carbon atoms and C1-C36-carboxylic acids, distillation residues which are obtainable in the preparation of alcohols having a relatively large number of carbon atoms by oxo synthesis or by the Ziegler process and which may be alkoxylated, and/or (e) hydrocarbons having a boiling point above 200 DEG C. or fatty acids of 12 to 22 carbon atoms, are used for controlling foam in pulp digestion, in the beating of paper stock, in papermaking and in the dispersing of pigments for papermaking.

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